

ABSTRACT OF THE INVENTION

A method and device for opening a door includes a receptacle structure. The receptacle structure is coupled to the door. The receptacle structure has a top surface and an angled guiding surface. The top surface forms an angled protrusion. The receptacle structure has a receptacle and the receptacle is formed between the top surface and the angled guiding surface. The device also includes a latching rod and a sliding assembly coupled to latching rod. Movement of the latching rod causes the latching rod to contact the angled protrusion. The contact of the latching rod with the angled protrusion of the receptacle structure causes the rod to push the receptacle structure and the door, and causes the latching rod to navigate across the angled guiding surface of the receptacle structure further pushing the door.

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